

REMARKS

Claims 1 and 25 have been amended to clarify the subject matter regarded as the invention. Claims 1 – 8 and 25 are pending.

The Examiner has rejected independent claims 1 and 25 under 35 U.S.C. 103(a) as being unpatentable over Uriya.

The rejection is respectfully traversed. Uriya discloses a transmit frequency and a receive frequency that are configured based on channel designation data (i.e., control signals). “The output frequency f_R varies in units of the frequency step size f_{CH} *in accordance with digital frequency control signals (or channel designation data) A and B*, and on the other hand, the output frequency f_T varies in units of the same step size *in accordance with channel designation data B and C*.” (Col 3, lines 40 – 45) Although the frequency that is generated is configurable or otherwise set based on control signals, the frequency does not necessarily change once it is set. See, e.g., Col 4, lines 26 – 50, where Uriya shows an example of what values to set the control signals to in order to generate a signal with a frequency of $f_T = 921.25$ or $f_T = 921.275$, whichever is desired. This is not a carrier frequency signal where “the carrier frequency signal is associated with an ultra-wide band (UWB) system operating in a frequency hopping mode that includes a first frequency and a second frequency; and the carrier frequency signal operates at the first frequency during a first period of time, operates at the second frequency during a second period of time, and switches between the first frequency and the second frequency in an amount of time sufficient to exchange information in the frequency hopping mode using both the first frequency and the second frequency” as recited by amended claims 1 and 25. It is therefore believed that claims 1 and 25 are allowable.

Claims 2 – 8 depend from claim 1 and are believed to be allowable for the same reasons described above.

Reconsideration of the application and allowance of all claims are respectfully requested based on the preceding remarks. If at any time the Examiner believes that an interview would be helpful, please contact the undersigned.

Respectfully submitted,

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